

---

**COMBINED DECLARATION AND POWER OF ATTORNEY**

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION, OR C-I-P)

---

As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is for an original application.

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am an original, first and joint inventor of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION**

Liquid Ring Pumps with Hermetically Sealed Motor Rotors

**SPECIFICATION IDENTIFICATION**

The specification is attached hereto.

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56, and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent.

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)**  
(35 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER	FILING DATE
60/425,820	November 13, 2002
60/490,615	July 28, 2003
Not Yet Assigned	November 10, 2003

### POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

APPOINTED PRACTITIONER(S)	REGISTRATION NUMBER(S)
Bruce D. Sunstein	27,234
Robert M. Asher	30,445
Timothy M. Murphy	33,198
Steven G. Saunders	36,265
Karen A. Buchanan	37,790
Samuel J. Petuchowski	37,910
Jeffrey T. Klayman	39,250
John J. Stickevers	39,387
Elizabeth P. Morano	42,904
Jay Sandvos	43,900
Alexander J. Smolenski, Jr.	47,953
John L. Conway	48,241
Barbara J. Carter	52,703
Shaun P. Montana	54,320
Charlton Shen	54,442
Kenneth S. Sachar	54,418

I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

#### SEND CORRESPONDENCE TO

Barbara J. Carter  
125 Summer Street

Boston, MA 02110-1618  
US  
002101

#### DIRECT TELEPHONE CALLS TO:


Barbara J. Carter  
617-443-9292

### DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**SIGNATURE(S)**

Jason A. Demers

Inventor's signature 

Date 11-13-03


Country of Citizenship US

Residence Manchester, NH

Post Office Address 387 North Bay Street, Manchester, NH 03104

\*\*\*\*\*

Scott A. Leonard

Inventor's signature 

Date 11/13/2003

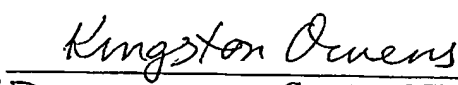
Country of Citizenship US

Residence Manchester, NH

Post Office Address 34 Plummer Road, Bedford, NH 03110

\*\*\*\*\*

Kingston Owens

Inventor's signature 

Date 11/13/2003

Country of Citizenship US

Residence Bedford, NH

Post Office Address 10 Ellison Drive, Bedford, NH 03110